

L 5130-66 EWT(d)/FSS-2  
ACCESSION NR: AP5020118

UR/0109/65/010/008/1410/1417  
621.391.161

AUTHOR: Gatkin, N. G.; Daletskiy, Yu. I. 44

TITLE: Optimal detection of an accurately known signal with a nonstationary Gaussian noise as a background

SOURCE: Radiotekhnika i elektronika, v. 10, no. 8, 1965, 1410-1417

TOPIC TAGS: signal detection 44

ABSTRACT: A known signal  $a(t)$  ( $0 \leq t \leq T$ ) is considered with a Gaussian background noise  $\xi(t)$  with an average  $M[\xi(t)] = 0$  and a known correlation function  $R(t, \tau) = M[\xi(t)\xi(\tau)]$ . This function is the kernel of the integral equation  $\int_0^T R(t, \tau)b(\tau)d\tau = a(t)$ , whose right-hand member is represented by the above known signal. The proposed optimal receiver depends on computing the likelihood ratio,

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which helps to isolate the desirable signal; this ratio is calculated by a technique based on an expansion of the kernel  $R(t, \tau)$  into its eigen-functions. As a direct and exact solution of the above integral equation is practically impossible, the function  $b(t)$  is determined by an approximation. A functional block diagram illustrates the idea of an optimal receiver based on the above considerations. Orig. art. has: 2 figures and 56 formulas.

ASSOCIATION: none

SUBMITTED: 04Apr64

ENCL: 00

SUB CODE: EC

NO REF SOV: 001

OTHER: 002

PC  
Card 2/2

DALETSKIY, Yu.I. (Kiyev); ZAPLITNAYA, A.T. (Kiyev)

Integrals over the surface of graphs related to nonlinear parabolic equations. Ukr. mat. zhur. 17 no.5:110-114 '65.

(MIRA 18:12)

1. Submitted June 9, 1965.

DALETSKIY, Yu.L. (Kiyev); KUKHARCHUK, N.M. (Kiyev)

Equations of the first order with functional derivatives.

Ukr. mat. zhur. 17 no.6:114-117 '65.

(MIRA 19:1)

1. Submitted June 10, 1965.

L 17787-66 EWT(d) IJP(c)

ACC NR: AP6004645

SOURCE CODE: UR/0041/65/017/005/0110/0114

AUTHORS: Daletskiy, Yu. L. (Kiev); Zaplitnaya, A. T. (Kiev)

23  
8

ORG: none

TITLE: Integrals over a "tree" space that are connected with nonlinear parabolic equations

SOURCE: Ukrainskiy matematicheskiy zhurnal, v. 17, no. 5, 1965, 110-114

TOPIC TAGS: Cauchy problem, parabolic differential equation, nonlinear equation, multiple integral, polynomial, mathematic space

ABSTRACT: Representations of nonlinear parabolic equations in the form of integrals over a trajectory space are obtained. Their relationship with the difference schemes corresponding to the examined differential equations is studied. The problem was formulated earlier (Yu. L. Daletskiy, S. V. Fomin, Teor. veroyatn. i yeye primen., t. X, v. 2, 1965). A differential equation with polynomial nonlinearity of the form

$$\frac{\partial u(x, t)}{\partial t} = L(u) + \sum_{k=2}^m b_k(t, x) [u(t, x)]^k \quad (-\infty < x < \infty, t > 0)$$

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is examined, where  $L$  is a first-order differential operator. The coefficients are such that local solvability of the Cauchy problem for the equation is ensured with the initial condition

$$u(0, x) = \varphi(x).$$

A space  $\mathcal{M}(T, x_r)$  of multivalued functions having at each point  $(\tau_j, x_{\kappa_j}(\tau_j))$  a branching point of multiplicity  $\kappa_j$  is introduced. The elements of this space are called "trees." The series

$$u(T, x_r) = \mu_{b, \varphi}(\mathcal{M}) = \sum_{(k, \kappa)} \mu_{b, \varphi}(\mathcal{M}_{k, \kappa}(T, x_r))$$

is absolutely convergent and is a solution of the Cauchy problem, which is proved by direct substitution of the values of the terms into the equation. Under the given conditions,

$$u(T, x_r) = \int_{\mathcal{M}} \exp \left\{ \int_0^T V[x(t), t] dt \right\} d\mu_{b, \varphi}(Q)$$

is the solution of the Cauchy problem for the equation

$$\frac{\partial u}{\partial t} = L(u) + V(x, t)u + \sum_{k=2}^m b_k(t, x)u^k(t, x), \quad u(0, x) = \varphi(x).$$

Orig. art. has: 19 formulas.

Card 2/2 <sup>nu</sup> SUB CODE: 12/ SUBM DATE: 09Jun65/ ORIG REF: 005/ OTH REF: 001

ACC NR: AP6029460

SOURCE CODE: UR/0108/66/01/008/0022/0028

AUTHOR: Belkin, M. K. (Active member); Daletskiy, Yu. I. (Active member)

ORG: Scientific-Technical Society of Radio and Communications Engineering  
in A.S. Popov (Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Parametric amplification theory

SOURCE: Radiotekhnika, v. 21, no. 8, 1966, 22-28

TOPIC TAGS: parametric amplifier, parametric resonance, mathematic analysis,  
mathematics

ABSTRACT: The processes in a parametrically regenerated circuit, the capacitance and attenuation of which change simultaneously in accordance with a complex law, are reviewed because, despite much writing on the subject of parametric resonance and parametric amplifiers with nonlinear reactance, that published in recent years and known to the authors deals only with the circuit with one variable reactance. This work, therefore, considers the superregenerative state in the parametric amplifier, during which the reactance and the attenuation change simultaneously in accordance with a complex law, such as a modulated pumping law. The solutions to the homogeneous equation, as well as to the inhomogeneous equation, and to individual special cases, are shown. The methodology used for solving the problems can be used as well for modulated pumping and for the more complex laws which changes in the system obey. Orig. art. has: 23 formulas and 2 figures.

SUB CODE: 09/SUBM DATE: 13Feb64/ORIG REF: 008/OTH REF: 003

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UDC: 621.375.93

1. 15470-100 INT(S) 11P(c)

ACC NR: AP6008075

SOURCE CODE: UR/0020/66/166/005/1035/1038

AUTHOR: Daletskiy, Yu. L.

ORG: Kiev Polytechnical Institute (Kiyevskiy polytekhnicheskii institut)

TITLE: Differential equations with functional derivatives and stochastic equations for generalized random processes

SOURCE: AN SSSR. Doklady, v. 166, no. 5, 1966, 1035-1038

TOPIC TAGS: generalized functions, random process, stochastic process, functional equation, linear functional operator, probability

ABSTRACT: Diffusion equations of the type

$$\partial F / \partial t = \text{Sp} [B(x, t) F''] + (F', a(x, t)) + v(x, t) F. \quad (1)$$

are discussed.  $F(x)$  is some nonlinear functional in Hilbert space  $h$  and  $F'$  and  $F''$  are the first and second derivatives of  $F$ .  $B(x, t)$  is a positive definite, bounded linear operator in  $h$ . The theory of stochastic equations developed by Glickman, Ito and Skorokhod is used to develop a solution of equation (1). Particular use is made of earlier papers in which special equations with functional derivatives were solved for the case when the operator  $B$  has a finite spur. The results are generalized for

UDC: 513.88+517.948+519.217

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L 45679-66

ACC NR: AP6008075

the case of a stochastic equation in a space with a nonnegative norm. The solution of this case is shown to be a generalized random process. Presented by Academician A. Yu. Ishlinskiy on 3 June 1965. Orig. art. has: 6 formulas.

SUB CODE: 12/      SUBM DATE: 29May65/      ORIG REF: 009

Card 2/2      fv

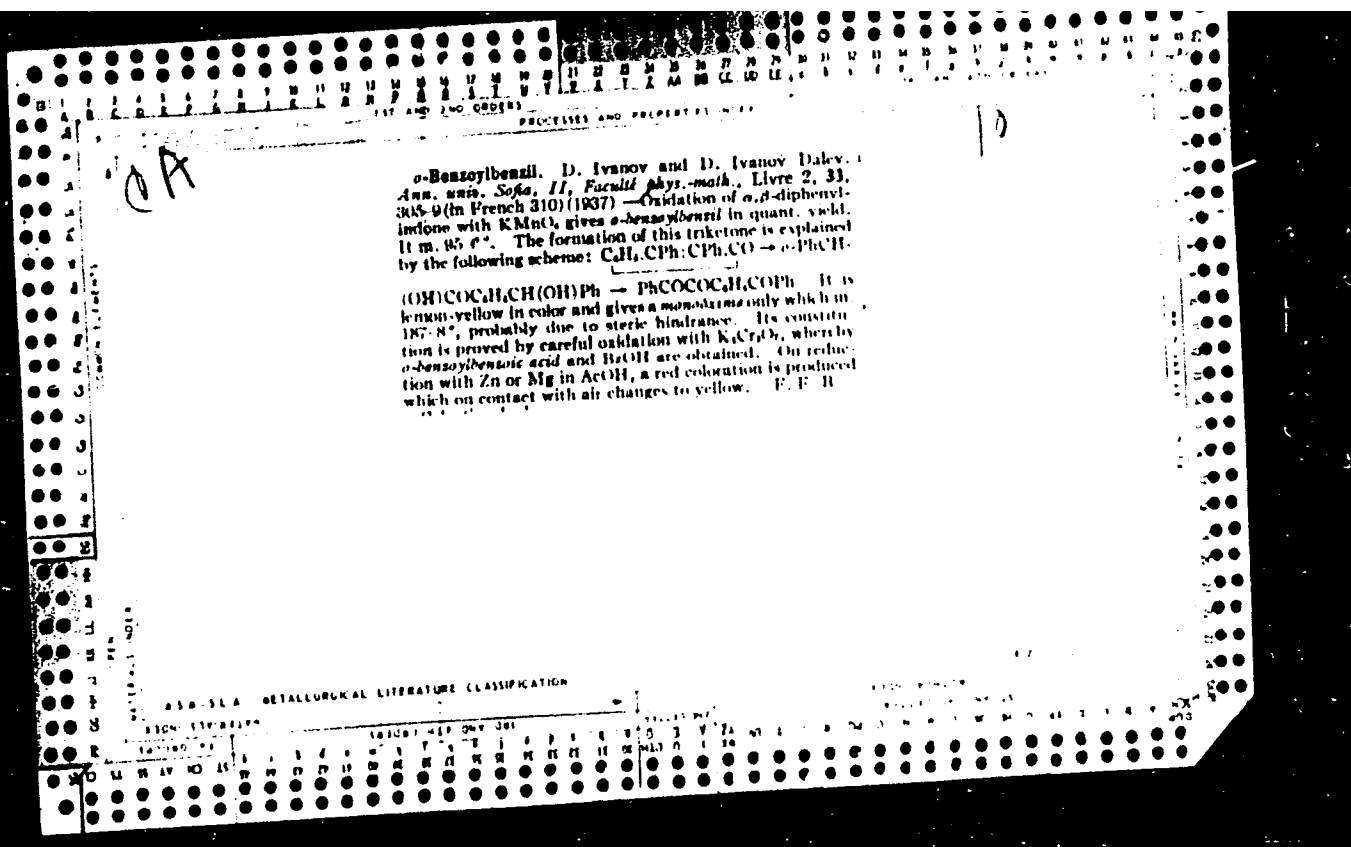
KREYN, M.G.; DALETSKIY, Yu.L., red.

[Lectures on the theory of stability of the solution of  
differential equations in a Banach space] Lektsii po  
teorii ustoychivosti reshenii differentsial'nykh uravnenii  
v banakhovom prostranstve (otredaktirovannyye i dopolnennyye)  
Kiev, AN USSR, In-t matematiki, 1964. 186 p.

(MIRA 18:1)

DALEV, D.; DRIANOVSKA, L.; STAIKOV, V.; AVRAMOVA, B.; DELCHEV, G.; STOIANOV,  
N.

Influence of fertilization on the alkaloid content and yield of  
Atropa belladonna in Bulgaria. Trud Khim-farmatsevt inst 4:56-57  
'63.



DALEV, D.

BULGARIA / Organic Chemistry. Organic Synthesis. G

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39625.

Author : Dalev, Danchev, Ivanov.

Inst : ~~Med.~~ in-t. <<V. Chervenkov>>.

Title : A New Group of Compounds with Estrogenic Action.

Orig Pub: Nauchni tr. Vish. Med. in-t <<V. Chervenkov>>.  
Pharmatsevt. fac., 1954 (1956) 1, No 2, 19-24.

Abstract: For the purpose of the investigation of the estrogenic action of indenone derivatives by the reaction of 2,3-diphenylindenone in a benzene solution with phenyl magnesium bromide, was synthesized 1, 2,3-triphenylindenol-1. Yield 90%, m.p. 159°C (from alc.)

Card 1/1

BULGARIA / Organic Chemistry. Organic Synthesis. G

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39592

Abstract: reduced to compounds with M.P. 178-182°C (from benzene), 185-212°C (from benzene) and 173-183°C (from benzene) respectively.

Card 2/2

DALEV, D., prof.; BRIANOVSKA-NONINSKA, L.

New method of obtaining coramine. Farmatsia 4 no.1:33 Ja-Y '54.

1. Meditsinska akademija V.Chervenkov, farmatsevtichen fakultet,  
Institut po farmatsevtichna khimija.  
(NIKETAMIDE, preparation of,)

\*

DALEV, D., Prof.; ILIEV, L.; ILIEVA, R.

Investigations on Bulgarian opium. I. Possibilities of widening the cultivation of *Papaver somniferum* L. and possibilities of production of opium with high content of morphine. Nauch. tr. Vissh. med. inst. Chervenkov, Sofia 2 no.5:1-17 1956.

1. Predstavena ot prof. D I Dalev. direktor na Inst. po farmatsevtichna khimii.

(OPIUM

prod. in Bulgaria (Bul))



DALEV, D., Prof.; DANCHEV, D.; IVANOV, N.

A new group of compounds with estrogenic action. Nuch. tr. Visssh. med. inst. Chervenkov, Sofia 2 no.5:19-24 1956.

1. Predstavena ot prof. D i m. Dalev, zav. Katedrata po farmatsevtichna khimija.

(ESTROGENS,

synthetic prep. with estrogenic action (Bul))

DALEV, D., Prof.; DANCHEV, D.

Reduction of triketones with sodium hydrosulfate. Nauch. tr.  
Vissh. med inst. Chervenkov, Sofia 2 no.5:25-31 1956.

1. Predstavena ot prof. D. Dalev, zav. Katedrata po farmatsevtichna  
khimii.

(KETONES,

reduction of triketones with sodium hydrosulfate (Bul))

DALEV, D.; DANCHEV, D.; LUDZHI, L.

"Examination of the dynamics of accumulation of alginic acid, mannite and halogen elements in the Black Sea alga Cystoseira barbata."

p.135 (Izvestiia, Vol. 5, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

DALEV, D.

BULGARIA/Organic Chemistry - Synthetic Organic Chemistry.

G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14538.

Author : Dalev D., Gagauzov I.

Inst :

Title : Syntheses with Beta-N-Morpholinoethyl Chloride. I. Preparation of 5-(Beta-N-Morpholino)-Ethyl-5-Alkyl Derivatives of Barbituric Acid.

Orig Pub: Farmatsiya (B"lg.), 1957, 7, No 4, 13-16.

Abstract: By heating (4-6 hours, 100-110°) beta-N-morpholino-ethyl- (I) or ethyl-beta-morpholino-ethyl- (II) ester of malonic acid with an alcohol solution of  $C_2H_5ONa$ , in the presence of urea, were obtained and isolated in the usual manner, 5-beta-N-morpholino-ethyl-barbituric acid, yield 65%; hydrochloride (HC), MP 239-241° (decomposes; from water), and 5-ethyl-5-beta-morpholino-ethyl-barbituric acid, yield 53%, MP 186-187° (from alcohol); HC, MP 272.5° (decomposes).

Card : 1/2

BULGARIA/Chemical Technology. Chemical Products H-17  
and Their Applications. Pharmaceuticals.  
Vitamins. Antibiotics.

Abs Jour : Ref Zhur-Khiniya, No 7, 1959, 24451

filtrate are obtained (Ca-morphinate).  
Five parts of a mixture consisting of 1  
part of alcohol (90°) and 5 parts of ether  
are added to the filtrate, mixed, followed  
by the addition of 0.4 parts of  $\text{NH}_4\text{Cl}$ , vi-  
gorous agitation for 20 minutes, settling  
for 16 hours, and then filtration. The mor-  
phine remaining on the filter is water wa-  
shed, dried at 100° and recrystallized. The  
yield is approximately 90 percent. Secondary  
alkaloids may be obtained by employing the  
above described method. -- A. Vavilova

Card : 2/2

DALEV, D.

Vitamin B<sub>12</sub>, Cyancobalamin, Anacobin, Bernuipon. p. 63  
Izhirna I Industriia Vol. 30, No. 3, 1988. Sofia Bulgaria

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10,  
Oct. 58

DALEV, D.; GAGAUZOV, I.

On some color reactions with xanthydrol. I. A new color reaction in the determination of: a. barbituric acid group; b. 3,5-dioxypyrazolidine (butazolidin) group. Nauch. tr. vissh. med. inst. Sofia 39 no.5:119-124 '60.

1. Predstavena ot prof. D. Dalev, rukovoditel na Katedrata po farmatsevtichna khimiia.

(PHENYLBUTAZONE chem) (BARBITURATES chem)  
(INDICATORS AND REAGENTS)

DALEV, D.; VELICHKOV, L.

Obtaining 2-o-tolyl- and 2-p-tolyl-3-aryl-substituted indones. III.  
Nauch. tr. vissh. med. inst. Sofia 39 no.5:125-132 '60.

1. Predstavena ot prof. D. Dalev, rukovoditel na Katedrata po farmatsevtichna khimiia.

(ESTROGENS chem)



DALEV, D.; GAGAUZOV, I.

Studies on conditions for the production of 3-morpholino ethyl ether from morphine (folcodin). Nauch. tr. vissh. med. inst. Sofia 39 no.5: 165-170 '60.

1. Predstavena ot prof. D. Dalev, rukovoditel na Katedrata po farmatsevtichna khimnia.

(MORPHINE rel cpds)

DALEV, D., prof.; VELICHKOV, L.

The interactions between  $\beta$ -ethoxybenzaldehyde and aryl- and alkylmagnesium bromides. Nauch. tr. vissh. med. inst. Sofia 41 no.4:1-11 '62.

1. Predstavena ot prof. D. Dalev.  
(BROMIDES) (PHTHALIC ACID) (INDANS)  
(MAGNESIUM)

DALEV, D.; VELICHKOV, L.

Structure of the isomeric indones of the phthalide of  $\beta$ -ethoxy-phthalic anhydride. Nauch. tr. vissh. med. inst. Sofia 41 no.4:13-19 '62.

1. Predstavena ot prof. D. Dalev.  
(PHTHALIC ACID) (INDANS)

DALEV, D., prof.; GAGAUZOV, I.

The production of nitrogen-substituted morpholine-ethylbarbiturates and their quaternary salts. Nauch. tr. vissh. med. inst. Sofia 41 no.4:21-32 '62.

1. Predstavena ot prof. D. Dalev.  
(BARBITURATES)

DALEV, I.R. [Dalev, I.R.]; MEKHTIYEV, R.Z. [Mekhtiev, R.Z.]

Machine for cutting, sizing and pressing hat rims. Leh.prom.  
no.1:14-16 Ja-Mr '62. (MIRA 15:9)

1. Chernovitskiy zavod "Legmash" (for Dalev). 2. Chernovitskaya  
fabrika golovnykh uborov (for Mekhtiyev).  
(Chernovtsy--Hats)

DALEV, I.R. [Daliev, I.R.]

Two-unit automatic ATD-1 loom for the manufacture of horsehair  
interlining. Leh.prom. no.1:13-14 Ja-Mr '63. (MIRA 16:4)

1. Chernovitskiy zavod "Legmash".

OGNYANOV, I. [Ognianov, I.] DALEV, P.; DUTSCHEVSKA, H. [Duchevska, Kh.],  
MOLLOV, N. [Molov, N.]

New alkaloids from Vinca herbacea W.K. Doklady BAN 17 no.  
2:153-156 '64.

1. Submitted by B. Kurtov, Corresponding Member of the  
Bulgarian Academy of Sciences.

B/081/63/000/001/037/061  
B144/B186

AUTHORS: Ognyanov, I., Dalev, P.

TITLE: A laboratory apparatus for concentrating extracts

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 149-150,  
abstract 1D65 (Khimiya i industriya (Bulg.), no. 2, 1962,  
76 [Bulg.] )

TEXT: The apparatus is designed for concentrating organic extracts in vacuo. It comprises an evaporator (designed as ball condenser), a condenser, and two vessels to collect the extract and the solvent. The extract is fed into the top part of the heated evaporator, from where the evaporating solvent is led off into the condenser and collected in the container. The non-evaporating extract flows along the walls of the evaporator into a separate container. [Abstracter's note: Complete translation.]

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DALEV, P.

The Rauwolfia alkaloids. Khim i Industriia 34 no.6:216-219 '62.

OGNYANOV, I.; DALEV, P.; DUTSCHEVSKA, H.; MOLLOV, N.

A new alkaloid from Vinca herbacea W.K. Dokl. Biol. akad.  
nauk 17 no.1:153-156 '64

1. Vorgelagt von B. Kurtov korr. Mitglied der Akademie.

DALEVA L.

13

1. "Need for Medical Education Along with Distribution of Drugs" N. KODOL, pp 3-5.
2. "Comparative Pharmacologic Study of Some Phenothiazine Derivatives" L. DALEVA, "Buletin na Meditsinskata Akademii i Sofiia" (Buletin of the Medical Academy and Sofia), Director Prof. P. K. KODOL, pp 1-13.
3. "Antitubercular Effect of the Benzothiazine Derivatives" Part 1. 5-nitrobenzothiazine-2,3-dithione (Mifuson); A. KODOL, L. DALEVA, and N. KODOL (Pharmaceutical Research Institute, Sofia / Director P. K. KODOL), pp 17-21.
4. "Synthesis of Some Simple Structural Analogs of Paracetamol" M. K. KODOL (Affiliation as 3); pp 25-27.
5. "Regarding the Synthesis of Piperazine" At. KODOL, (Affiliation as 3); pp 31-36.
6. "A Method for Obtaining Rutin from Sophora Japonica" St. KODOL (Affiliation as 3); pp 37-40.
7. "Regarding the Rutin from Sophora Japonica" Every Week and Every Year, Every Day, Every Year, St. KODOL, pp 40-43, "Buletin na Farmaceuticheskiya Institut" (Buletin of the Pharmaceutical Institute), pp 44-45.
8. "Presentation of 'Paracetamol' V. Vasiliev and D. KODOL, (Affiliation as 3); pp 46-47.

1. Katedra po farmakologiya pri VMI.  
2. Meditsinsko-farmaceuticheski Institut po farmakologiya.

— 1/1 —

SYNOPSIS

L. PABOVA, P. JANEV, M. KIRILOVA and I. KOTIKOVA, Medical and Pharmacological Research Institute (Imperial University of Dimitrova-Karmatsevschen Institut) Director L. KOTIKOVA.

Pharmacodynamics of some 4-methylpiperazine derivatives.

Sofia, Eksperimentalna Meditsina i Farmakologiya, Vol. 2, No. 1, Jan-Mar 63; pp 36-46.

Abstract [English summary modified: Pharmacologic and toxicologic tests of alantoin and 15 analogs in mice, rabbits, pigeons, anesthetized rats. All compounds were highly active, varying in potency on CNS, blood pressure, cholinesterase, muscular tone, etc. 7 Western, 4 Soviet and 3 Bulgarian references.

1/1

MANOLOV, I.; DONEV, H.; DIMITOVA, I.

Spasmolytic function of some phenylbutylamines. Izv. med.  
(Sofia) 15 no.6:10-16 1961

BULGARIA

DAIWA, I.; SUGIYAMA, S.

Pharmacological study of some tyrosine derivatives. *Journal of Pharmacology and Therapeutics* 2:195-202, 1972.

1. DALEVSKIY, A. I., Eng.
2. USSR (600)
4. Gums and Resins
7. Mechanical corling and barreling of rosin. Der. i losckhim. rom. 1 no. 3 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. DALEVSKY, A.L.: KALANTNIK, Y. . .: PLENKOV, A.L.

2. US (600)

4. Gums and Resins

7. Accelerating the method for producing, give in other of r. m. Dec. 1 1951.  
pro. 1 no. 5 1951

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.



DALEVSKIY, A.L. [Dalevs'kyi, A.L.]; EYDEL'MAN, L.S.; SHAPIROTEYN, Ya.A.;  
KHINKIS, M.V.

Programmed proportioning apparatus for explosive and aggressive  
liquid substances. Khim. prom.[Ukr.] no.1:76-77 Ja-Mr '65.  
(MIRA 18:4)

DALECKI, B.

"What it is necessary to know about Resin-Formaldehyde Glue", p. 7; "Organization of the work of Cutlery of Veneer; from Soviet Experience", p. 10, (PAPYRUS POKRYW, Vol. 5, No. 10, Oct. 1954, Warszawa, Poland)

30: Monthly List of East European Accessions, (E L), 18, Vol. 4, No. 4, May 1955, Incl.

DALEVSKIY, Benon[Dalewski, Benon]

Production of furniture in People's Poland. Zhil. stroi. no.12:  
16-16d '62. (MIRA 16:1)

1. Tekhnicheskiiy ekspert mebel'noy kontory "Paged" v Varshave.

(Poland--Furniture industry)

DAIG, S. K.

33088

Novyy Podvid Kamychevoy Ovsyanki-Emberiza Schoeniclus armeniaca Subsp. Nova Iz  
Armyanskoy Ssr. Izvestiya (Akad. Navk Arm. Ssr) Biol. I c.-X. Naukki, T. 11, No 3,  
1949 c. 291-98.--Rezyume Na Arm. Yaz.-Bibliogr: 19 Nazv.

30: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

DAL'GARNO, A.

Charged particles in the upper atmosphere. Usp. fiz. nauk 79  
no.1:115-152 Ja '63. (MIRA 16:1)

(Atmosphere, Upper)  
(Particles(Nuclear physics))

DAIGON, A.M., Candidate Sci. (Med.) "Effect of water-oxidation function  
of the enzyme-in-catalase on the effect of  $\text{H}_2\text{O}_2$  on the electrode of  
the enzyme-in-catalase on the electrode of the enzyme-in-catalase  
on the electrode of the enzyme-in-catalase on the electrode of the enzyme-in-catalase  
in laboratory. (Imprint at Leningrad, Leningrad, 1949).  
17 pp. (State Order of Lenin Inst. for the Advanced Training of Phy-  
sicians in S.M. Kirov). 200 copies (1949-50, 1950)

DALGAT, D.A.

Alteration in the motor-evacuatory function of the gastrointestinal tract under the influence of novocaine block and in relation to features of abdominal treatment; experimental roentgenological study.  
Vest. khir. 84 no.5:43-50 My '60. (MIRA 13:12)  
(ALIMENTARY CANAL) (LOCAL ANESTHESIA)

USSR/Human and Animal Physiology - Digestion.

T-7

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31869

Author : Dalgat, D.M.

Inst :

Title : On the Changes of the Motor Function of the Gastro-Intestinal Tract After a Laprotony and in Conditions of Use of Vagosympathetic or Perinephric Block.

Orig Pub : Sb. nauch. tr. Dagest. med. in-t, 1956, 6, 151-153.

Abstract : Laparotomy in dogs caused sharp atonia of the gastro-intestinal tract (GIT) with impeding of evacuation of the contrast mass from the stomach and of its movement along the intestine. In three days, the motor system of GIT was completely restored. Two-sided vagosympathetic or perinephric block before laparotomy significantly strengthened the atonia of GIT and restoration of normal movements was delayed up to 4 days.

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ASKERKHANOV, Rashid Pashayevich, zasl. deyatel' nauki Dagestanskoy  
Avtonomnoy SSR, prof.; DALGAT, Dalgat Manafovich; MAKSUDOV,  
Magomed Magomedovich; MAKHACHEV, Malik Osmanovich; TSAKHAYEV,  
Nabi TSakhayevich; SHAKHSHAYEV, P., tekhn. red.

[Essays on the history of surgery in Daghestan] Ocherki po  
istorii khirurgii v Dagestane. Makhachkala, Dagestanskoe  
izd-vo, 1960. 215 p. (MIRA 15:9)

(DAGHESTAN--SURGERY)

DALGAT, D.M., kand.med.nauk

Treatment of perforated ulcers of the stomach and duodenum.

Khirurgiia 37 no.2:48-52 F '61.

(MIRA 14:1)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. R.P.  
Askerkhanov) Dagestanskogo meditsinskogo instituta.  
(PEPTIC ULCER) (STOMACH-SURGERY)

DALGAT, D.M., kand.med.nauk (Makhachkala, ul. Emirova, d.23, kv.6)

Large-sized organismoid teratoma. Vest.khir. 89 no.11:138-139  
N '62. (MIRA 16:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. R.P. Askerkhanov)  
Dagestanskogo meditsinskogo instituta.  
(SACROCOCCYGEAL REGION---TUMORS)

DAIGAN, P.M., dozent

Simultaneous splenoportography and cholangiography under clinical conditions. Khirurgiya 40 no.1:137-138 Jan '64.

(MHA 17:11)

1. Kafedra fakul'tetskoy khirurgii (adv. - prof. R.I. Askernkhanov) Dagestanskogo meditsinskogo instituta.

DALGET, M. M., PANKOV, A.A., PARZALIYEV, M. M., and KHALIDBEKOV, M. M. (Junior Scientific Collaborator Dagestan Scientific-Research Veterinary Station, Assistant Professor, Professor, Deceased)

Pseudotuberculosis in rams with orchido-epididymitis manifestations.

Veterinariya vol. 38, no. 9, September 1961, pp. 40.

*Dalget, M. M. - Jr. Sci. Collaborator, Dagestan Sci. Res. Vet. Stat.*

KHALIMBEKOV, M.M., prof. [deceased]; FARZALIYEV, M.M., prof.;  
PANKOV, A.A., dotsent; DALGAT, M.M., mladshiy nauchnyy sotrudnik

Pseudotuberculosis of rams with signs of orchiepididymitis.  
Veterinariia 38 no.9:40-43 S '61. (MIRA 16:8)

1. Dagestanskaya nauchno-issledovatel'skaya veterinarnaya  
stantsiya.

ABRAHAM, M.M., prof.; BALOST, M.M., nauchnyy sovetnik

Epidemiology of brucellosis and infectious enterocolitis of sheep in  
Daghestan. Veterinariia 41 no.4.1967. In 1p.

(Mikro 18.10)

1. Otsenenchaya raznitsa v razvitiyakh i raznoobrazii stentel'nykh.

DALGAT, U.M., kand. med. nauk

Surgery for aneurysms in the bends of both elbows. Khirurgiia 40  
no.11:117-118 N '65. (MIRA 18:7)

1. Klinika fakul'tetskoy khirurgii (zav. - prof. R.P. Askerkhanov)  
Dagestanskogo-meditsinskogo instituta.



DALGAT-CHAVTARAYEVA, U.B.

Ethnographic materials in the Caucasian tales of L.N.Tolstoi. Sov.etn.  
no.4:70-79 '53. (MLRA 6:12)  
(Tolstoi, Lev Nikolaevich, 1828-1910)

DALGATOV, D.D.; TERTOV, B.A.; GAYVORONSKIY, V.M.; OSIPOV, O.A.

Structure of 2-formylbenzimidazole. Zhur. VKHO 8 no.5:582-  
583 '63. (MIRA 17:1)

1. Rostovskiy gosudarstvennyy universitet.

DALGATOV, D.D.; SIMONOV, A.M.

Derivatives of benzimidazole. Part 13: Transformations of  
2-formyl-1-methylbenzimidazole. Zhur.ob.khim. 33 no.3:1007-1010  
Mr '63. (MIRA 16:3)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.  
(Benzimidazole)

SIMONOV, A.M.; DALIGATOV, D.D.

Derivatives of benzimidazole. Part 16: Nitro acetals and  
nitrovinyl derivatives of the benzimidazole series. Zhur.  
ob. khim. 34 no.9:3052-3055 S 1967.

(RDA 17:11)

1. Kostovskiy-na-benu gosudarstvennyy universitet.

L 17823-65 EPA(a)-2/EWT(m)/EPF(c)/EPR/ENP(j)/T Pc-Li/Pr-Li/Ps-Li/Pt-Li RPL/  
RAEM(a) RM/WW  
ACCESSION NR: AP4047650 S/0079/64/034/010/3407/3411

AUTHOR: Garnovskiy, A. D. ; Osipov, O. A. ; Dalgatov, D. D. ; Simonov, A. M. ;  
Minkin, V. I.

TITLE: Complex compounds of metals with certain nitrogen-containing ligands.

I. Complexes of the 2-o-hydroxyanilbenzimidazole series

SOURCE: Zhurnal obshchey khimii, v. 34, no. 10, 1964, 3407-3411

TOPIC TAGS: organometallic compound, chelate compound, benzimidazole derivative, organic complex

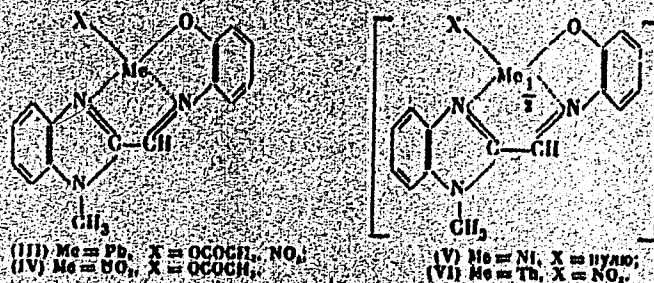
ABSTRACT: Two new o-hydroxyanils of 1-methyl-2-formylbenzimidazole were synthesized: 1-methylbenzimidazole-2-aldehyde-2'-hydroxyphenylimine and 1-methylbenzimidazole-2-aldehyde-(2'-acetylamino-5'-methoxy)phenylimine. The complex-forming ability of the first compound was investigated; the complexes of the second compound are to be subsequently described. Heating an alcoholic solution of the compound with the acetates or nitrates of Cu, Ni, Pb, Mn, Th or UO<sub>2</sub> gave brightly colored thermally stable rather insoluble crystals. Based

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on elementary analysis and IR spectra, the 1:1 complexes formed with Pb and  $\text{UO}_2$  and the 2:1 complexes formed with Ni and Th were assigned the following chelate structures:



1-methylbenzimidazole-2 derivatives containing no hydroxyl group or hydroxyl group in the p-position would not complex. The heteroatom of the imidazole ring

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ACCESSION NR: AP4047650

2  
was also shown necessary for chelate formation, since benzal-o-aminophenol would not form a complex under similar conditions. "Spectra were obtained by V. N. Sheynker on the UR-10 (Zeiss) apparatus in a paste with vaseline oil." Orig. art has 10 formulae

ASSOCIATION: Rostovskiy-na-Dony gosudarstvennyy universitet (Rostov-on-Don State University)

SUBMITTED: 01Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 006

OTHER: 010

Card 3/3

DRAGANESCU, N.; POPESCU, Gr.; SORCIOU, G.; In colaborare: VASILIU, V.;  
DAIGEANU, I.; MOLDOVEANU, P.

Incidence of anti-encephalitic antibodies (sheep-tick virus)  
in the region of Dobruja. Stud. cercet. inframicrobiol. 15  
no.1:51-58 '64.



DALIBA, HYNEK

CZECHOSLOVAKIA

ZITKA, Miroslav, MD; DALIBA, Hynek, MD.

Third Internal Medicine Clinic (III. vnitřní klinika),  
Prague - (for all)

Prague, Vnitřní lékařství, No 4, 1963, pp 386-389

"Cardiovascular Allergy to Penicillin."

DALIDCHIK, I.

Soldering of aluminum alloys. No 2.

Tankist, No 12, 1948.

L 5443-66 EWT(1)/EWT(m)/EPF(c)/EPA(w)-2/EMF(j)/T/ENA(m)-2/ETC(m) IJP(c)  
 ACCESSION NR: AP5019245 WW/AT/TH UR/0056/65/049/001/0302/0305

AUTHOR: Dalidchik, F. I.; Sayasov, Yu. S. 44,55 78

TITLE: Recombination of electrons in molecular gases 75

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 1, 1965, 302-305 8

TOPIC TAGS: electron recombination, molecular interaction, diatomic molecule, excited state, electron collision, collision

ABSTRACT: The authors calculate the electron and ion recombination coefficients in a weakly ionized gas of diatomic or linear homopolar molecules, when account must be taken of both elastic and inelastic collisions. It is assumed that the equilibrium of the electron coordinates is established essentially as a result of elastic collisions of the electrons with the molecules, and that the diffusion of the electrons in energy space is determined in the general case by both types of collisions. The calculation scheme is the same as developed by L. P. Pitayevskiy (ZhETF v. 42, 1326, 1962), and account is taken of losses of electron energy in rotational excitation of the molecules. At sufficiently high temperatures the results agree with those of Pitayevskiy. "We thank L. P. Pitayevskiy for help and A. S. Kompaneyets, G. K. Ivanov, and Ye. Ye. Nikitin for a discussion of the re-

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ACCESSION NR: AP5019245

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sults." Orig. art. has: 14 formulas.

ASSOCIATION: Institut khimicheskoy fiziki Akademii nauk SSSR (Institute of  
Chemical Physics, Academy of Sciences, SSSR)

SUBMITTED: 24Feb65

ENCL: 00

SUB CODE: NP

NR REF SOV: 001

OTHER: 004

Card 2/2 *ML*

DALIDCHIK, Ivan Danilovich; LESNYAKOV, F.I., red.; GALAKTIONOVA, Ye.N.,  
tekhn. red.

[Booklet on electric safety in automotive transportation and repair  
organizations] Pamiatka po elektrobezopasnosti v avtokhoziaistvakh.  
Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1958. 43 p.

(MIRA 11:11)

(Electricity, Injuries from)  
(Automotive transportation measures)

DALIDCHIK, Ivan Danilovich; SHUMILOVA, Ye.M., red.; DONSKAYA, G.D.,  
tekhn. red.

[Safety regulations for the use of electric equipment in automotive  
transportation units]Pamiatka po elektrobezopasnosti v avtokho-  
ziaistvakh. Izd.2., perer. i dop. Moskva, Avtotransizdat, 1961.  
45 p. (MIRA 15:12)  
(Electric apparatus and appliances--Safety measures)

DALIDCHIK, I.D.; FUFAYEVA, G.I., red.; YASHCHUKOVA, N.V., tekhn.  
red.

[Progressive methods of metal welding] Progressivnye metody  
svarki metallov; uchebnoe posobie.[n.p.] Rosvuzizdat, 1963.  
57 p. (MIRA 16:12)

(Welding)

DALIDOVICH, A. S.

36220

Puti razvitiya tekhniki trikotazhno-vyazal'nogo proizvodstva. Legkiya  
prom-st', 1949, No. 10, s. 18-20

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949



DALICOVICH, A. G.

Pending tasks in improving and developing the production of knit goods.  
Lett. patent, No 3, 1952.

DALIDOVICH, A.S., professor.

"Technology of the sewing industry." S.I.Rusakov and others.  
Reviewed by A.S.Dalidovich. Leg.prom. 15 no.9:48-52 S '55.

(MLRA 9:1)

(Clothing industry) (Rusakov, S.I.) (Pudnik, F.P.) (Savostit-  
skii, A.V.) (Trukhan, G.L.) (Eppel', S.S.)

*note 10:12 11 12 56*

DALIDOVICH, A.S., prof.

Increase the selection of stretch-resistant knit fabrics. Leg.prom.  
16 no.10:13-17 0 '56. (MIRA 10:12)

(Knit goods)

*Dalidovich, A.S.*

DALIDOVICH, A.S., prof.

Scientific research in knit goods manufacture. Leg. prom. 17 no.12:  
4-5 D '57.

(MIRA 11:1)

(Knit goods industry)

DALIDOVICH, A.S., prof.; KOBLYANSKIY, D., kand.tekhn.nauk

"Materials used in the garment industry" by T.A. Modestova,  
L.N.Flerova, B.A.Buzov. Reviewed by A.S. Dalidovich, D.Kobylanski.  
Leg.prom. 18 no.12:43-49 D '58. (MIRA 11:12)

(Textile fabrics)

(Modestova, T.A.) (Flerova, L.N.) (Buzov, B.A.)

DALIDOVICH, A.S., prof., doktor tekhn.nauk

Widening the assortment of tricot cloth manufactured on the MT  
knitting machines. Tekst.prom. 22 no.1:64-69 Ja '62.  
(MIRA 15:2)

1. Moskovskiy tekstil'nyy institut.  
(Knit goods)

ZOTIKOV, Vladimir Yevgen'yevich, doktor tekhn. nauk, prof.; BUDNIKOV, Ivan Vasil'yevich; TYKOV, Petr Pavlovich; GORDEYEV, Vasil'y Aleksandrovich; DALIDOVICH, Aleksandr Semenovich; CHUGREYEVA, V.N., red.; BATYREVA, G.G., tekhn. red.

[Equipment and technology for the processing of fibrous materials] Mekhanicheskaya tekhnologiya voloknistykh materialov. Moskva, Gislepprom, 1963. 638 p. (MIRA 16:9)  
(Textile industry) (Textile machinery)

DALIDOVICH, A.S., prof., doktor tekhn.nauk

Trends in the development of the technique of knit goods manufacture,  
Tekst.prom. 23 no.8:58-61 Ag '63. (MIRA 16:9)

1. Moskovskiy tekstil'nyy institut.  
(Knit goods industry)



PUGASEY, N.P., aspirantka; DALIDOVICH, A.S., prof., rukovoditel' raboty

New type of lined cloth made on circular knitting machines.  
Tekst. prom. 24 no.2:45-51 F '64. (MIRA 17:3)

1. Kafedra tekhnologii trikotazha Moskovskogo tekstil'nogo  
instituta.

GENZER, M.S.; DALIDOVICH, A.S., prof. doktor tekhn. nauk, rukovoditel'  
raboty

Minimum length of the loop on bearded needles. Tekst. prom.  
24 no.2:51-55 F '64. (MIRA 17:3)

1. Nachal'nik nauchno-issledovatel'skoy laboratorii fabriki  
"Krasnoye znamya" Soveta narodnogo khozyaystva Leningradskogo  
ekonomicheskogo rayona.

MARTYNOV, L.S., prof. doktor. tekhn. nauk; RATNER, G.S.; LAZARENKO, V.M.,  
kand. tekhn. nauk, dotsent; LINSKIY, V.V.; DALIDOVICH, A.S.,  
prof., doktor tekhn. nauk

Problems in the analysis of the process of loop formation.  
Tekst. prom. 25 no.4:72-81 Ap '65. (MIRA 18:5)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti  
imeni S.M. Kirova (for Martynov). 2. Glavnyy inzh. trikotazhnoy  
fabriki "Krasnoye znamya" Soveta narodnogo khozyaystva Leningrad-  
skogo ekonomicheskogo rayona (for Ratner). 3. Leningradskiy institut  
tekstil'noy i legkoy promyshlennosti imeni S.M. Kirova (for  
Lazarenko). 4. Vedushchiy konstruktor Spetsial'nogo konstruktor-  
skogo byuro trikotazhnykh mashin (for Linskiy). 5. Moskovskiy  
tekstil'nyy institut (for Dalidovich).

DALIDOVICH, A.S., prof., doktor tekhn. nauk

Comparative technical and economic characteristics of circular  
and "Malimo" type knitting machines. Tekst. prot. 45 no. 237-  
43 Ag '65. (MIRA 18:9)

1. Moskovskiy tekstil'nyy institut.

DALIDCHIK, F.I.; SAYASOV, Yu.S.

Exchange effect in the elastic scattering of polarized identical  
nuclei. Pis'. v red. Zhur.eksper. i teor.fiz. 2 no.6:266-269  
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1. Institut khimicheskoy fiziki AN SSSR. Submitted July 19, 1965.

DALIK, J.

"Untapped energy in our distribution system." p. 308. (Energetika. Vol. 3, no. 9, Sept. 1953. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.  
Uncl.

DALIMOV, N.D.

Geographic position and orography of Kashka-Dar'ya Province. Trudy  
SAGU no.80:5-10 '56. (MLRA 10:4)  
(Kashka-Dar'ya Province--Physical geography)

BABUSHKIN, L.N.; DALIMOV, N.D.; KOGAY, N.A.

The physico-geographical regionalization of the Uzbek S.S.R.  
Trudy TashGU no.186:77-97 '61. (MIRA 14:12)

1. Tashkent'skiy gosudarstvennyy universitet imeni Lenina.  
(Uzbekistan---Physical geography)



DALIMOV, S.A., dotsent

Replacement of a loop of the large intestine with loops of the small intestine in an experiment. Med. zhur. Uzb. no.11:47-49 N '61.

1. Iz kafedry operativnoy khirurgii (zav. - prof. B.A.Stekol'nikov)  
Tashkentskogo gosudarstvennogo meditsinskogo instituta.  
(INTESTINES\_\_TRANSPLANTATION)

ASRANOV, A.A., zasl. deyatel' nauki, prof.; ZAKHIDOV, Kh.,  
doktor med. nauk, prof.; ~~DALIMOV, A.A., dokt., glav.~~  
red.; KADYROV, A.A., kand. med. nauk, zasl. glav. red.

[Latin-Uzbek-Russian dictionary of normal anatomy]  
Latino-uzbeksko-russkii slovar' po normal'noi anatomii.  
Tashkent, Gos.med.izd-vo Uzb.SSR, 1961. 266 p.

(BIRA 17:11)

1. Chlen-korrespondent AN UzSSR (for Askanov).

ASKAROV, A.A., zasl. deyatel' nauki, prof.; ZAKHIDOV, Kh.Z., doktor  
med. nauk, prof.; DALIMOV, S.A., dots., glav. red.;  
KADYROV, A.A., kand. med. nauk, zam. glav. red.

[Latin-Uzbek-Russian dictionary of normal anatomy] Latino-  
uzbeksko-russkii slovar' po normal'noi anatomii. Glav.  
red. S.A.Dalimov. Tashkent, Gos.med. izd-vo Uzb.SSR,  
1964. 265 p. (MIRA 17:11)

1. Chlen-korrespondent AN Uzbekskoy SSR (for Askarov).

DALIMOV, Sh.S.

Some histochemical research data on a denervated kidney.  
Vop. biol. i kraev. med. no.4:399-403 '63.

(MIRA 17:2)

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Formation sequence of the magmatic rocks of the Babay-Tag  
laccolith. Nauch. trudy TashGU no.251. Trudy Nauch.-issl.  
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(MIRA 18:3)

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Ignimbrites of the Oyasayskaya series (C<sub>3</sub>O) in the upper Shavau Valley (southwestern slopes of the Chatkal Range). Uzb. geol. zhur. 8 no.1:36-42 '64. (MIRA 18:5)

1. Institut geologii i geofiziki im. Kh.M. Abdullayeva AN UzSSR.

DALIMOV, T.N.

Petrographic characteristics and the relationship of Chiltensk and Babaytag quartz syenite-porphyrries (southwestern spurs of the Chatkal Range). Uzb. geol. zhur. 9 no.1:86-90 '65. (MIRA 18:5)

1. Institut geologii i geofiziki im. Kh.P.Abdullayeva AN UzSSR.

DALIMOV, T.N.

Content of interstitial water in the rocks of the Babaytag  
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8 no.3:60-65 '64. (MIRA 18:12)

1. Institut geologii i geofiziki imeni Abdullayeva AN UzSSR.  
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DALIMOV, Z. A.

36859. Organizatsionnyye voprosy po izucheniyu gipertonicheskoy bolezni.  
Trudy Uzbek. gos. nauch.-issled. in - ta kurortologii i fizioterapii im.  
Semashko, sb. 11, 1949, c. 300-02

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See: Nauchnoye Leto 1941 No. 31, June 1945, Moscow

TER-AKOPYAN, M.A.; DALIMOV, Z.A.

Hemodynamics in hypertension in the hot climate of Tashkent.  
Trudy Uz.gos.nauch.-issl, inst.kur. i fizioter. 13:42-47 1956  
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*DALIMOVA, Z. A.*

DALIMOVA, Z.A., kandidat meditsinskikh nauk

Hemodynamics as a gauge of the effectiveness of hydroaeroionization  
in treating hypertension. Vop.kur.fizioter. i lech.fiz.kul't. 22  
no.4:80-81 J1-Ag '57. (MIRA 10:11)  
(HYPERTENSION) (HYDROTHERAPY)